CBM003 ADD/CHANGE FORM

[☑] Undergraduate Council
[ ] New Course [☑] Course Change
Core Category: NONE Effective Fall 2011

or

[ ] Graduate/Professional Studies Council
[ ] New Course [ ] Course Change
Effective Fall 2011

1. Department: Biomedical Engineering College: ENGR

2. Faculty Contact Person: John Glover Telephone: 713-743-4430 Email: glover@uh.edu

3. Course Information on New/Revised course:
   - Instructional Area / Course Number / Long Course Title:
     BIOE / 4458 / Instrumentation Electronics
   - Instructional Area / Course Number / Short Course Title (30 characters max.)
     BIOE / 4458 / INSTRUMENTATION ELECTRONICS
   - SCH: 4.00 Level: SR CIP Code: 14.1001.00 06 Lect Hrs: 3 Lab Hrs: 3

4. Justification for adding/changing course: To more accurately reflect course content/level

5. Was the proposed/revised course previously offered as a special topics course? [☐] Yes [☑] No
   If Yes, please complete:
   - Instructional Area / Course Number / Long Course Title:
     _____ / _____ / _____
   - Course ID: _____ Effective Date (currently active row): _____

6. Authorized Degree Program(s): BSEE, BSCpE, BSBE
   - Does this course affect major/minor requirements in the College/Department? [☒] Yes [☐] No
   - Does this course affect major/minor requirements in other Colleges/Departments? [☐] Yes [☒] No
   - Can the course be repeated for credit? [☐] Yes [☒] No (if yes, include in course description)

7. Grade Option: Letter (A, B, C ...) Instruction Type: lecture laboratory (Note: Lect/Lab info. must match item 3, above.)

8. If this form involves a change to an existing course, please obtain the following information from the course inventory: Instructional Area / Course Number / Long Course Title
   BIOE / 4458 / Bioinstrumentation
   - Course ID: 013286 Effective Date (currently active row): 8

9. Proposed Catalog Description: (If there are no prerequisites, type in "none").
   Cr: 4. (3-3). Prerequisites: ECE 3155, 3337 and 3355. Description (30 words max.): BJT review; FETs; differential amplifiers; op amp non-ideal characteristics; measurements with low signal-to-noise ratio and high source impedance such as bioelectrical signals; electrical safety; electrodes, transducers.

10. Dean’s Signature: [Signature] Date: 13 Oct 2010

Print/Type Name: Dr. David P. Shattuck

- Created on 8/31/2010 11:07:00 AM -